ESC4000-E11

1-Socket 2U Accelerator Server with 4 GPUs supported

intel.

ASUS ESC4000-E11

2U GPU server, Build for High Performance and Balanced Solutions

Form Factor	**2U**	**CPU Number**	**2** 350W TDP	**Memory Number**	**16**

PCI EXPRESS® 5.0

Feature

- 4th Gen Intel® Xeon® Scalable Processors
- 16 x DDR5 4800MHz DIMMs
- Maximum support 6 x NVMe Drives
- 2600W Redundant 80 Plus® power supplies
- ASUS Thermal Radar 2.0 and Power Balancer
- technologies for even-greater power efficiency

Target market

- LLM, AI training
- Cloud Computing
- Virtualized & VDI Application
- Enterprise & HPC Application

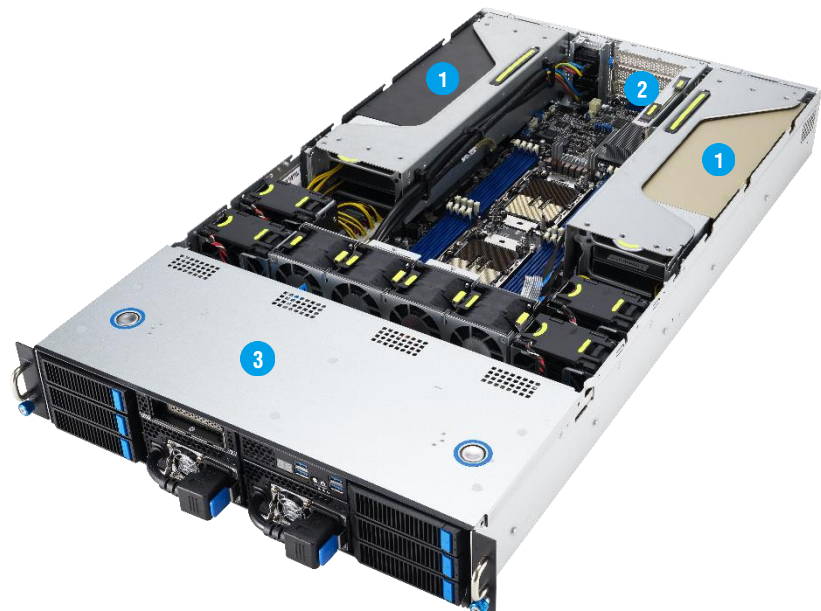### 4th Generation Intel® Xeon® Scalable Processors

ESC4000-E11 is built on the 4th Generation Intel® Xeon® Scalable Processors with higher cores density compared to previous generation in dual-socket to increase server utilization.

Flexible Design and Performance

- Supports up to 4 x PCI-E Gen 5.0 dual-slot GPUs/ Full length cards or 8 x PCI-E Gen 5 single-slot GPUs
- and 2 x PCI-E Gen5 slots for increased acceleration.
- Capacity for up to 6 x 3.5" / 2.5'' hot-swap storage. Maximum support to 6 x NVMe.

Comprehensive IT infrastructure management solution

- ASMB11-iKVM and ASUS Control Center (ACC*)
- Features an embedded iKVM module and is bundled with ASUS Control Center to provide comprehensive out-of-band and in-band management.

1. 4 x PCI-E Gen 5.0 x16 slots for GPU/ FH, FL
2. 2 x PCI-E Gen 5.0 x16 riser cards/ FH, HL
3. 1 x PCI-E Gen 4.0 x8 slot

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SPECIFICATION

Processor		2 x 4th Generation Intel® Xeon® Scalable Processors (TDP 350W)
Memory	**Total Slots**	16 (8-channel per CPU, 8 DIMM per CPU)
	Capacity	Up to 4TB
	Memory Type	DDR5 4800 RDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	128GB, 64GB, 32GB, 16GB *Please refer to www.asus.com for latest memory AVL update
Expansion Slots	**Total PCI/PCI-X/PCI-E/PIKE Slots**	11
	Slot Type	**Rear:** 4 x PCIe x16 slots (Gen5 x16 link, FH, FL) for dual-slot GPU cards or 8 x PCIe x16 slots (Gen5 x8 link, FH,FL) for single-slot GPU cards 2 x PCIe x16 slots (Gen5 x16 link, FH, HL) **Front:** 1 x PCIe x8 slot (Gen4 x8 link, LP, HL)
Storage Bays		6 x 2.5" or 3.5" Hot-swap Storage Device Bays (up to 6 x NVMe Supported)
Networking	**LAN**	2 x 1Gb/s LAN ports (Intel® I350-AM2) 1 x dedicated management port
Graphic	**VGA**	AST2600 64MB
Security		TPM-SPI module (optional) PFR module (optional)
Front I/O Ports		4 x USB3.2 Gen1 ports
Rear I/O Ports		2 x USB3.2 Gen1 ports 2 x Gigabit LAN ports (RJ45) 1 x Management port (RJ45) 1 x VGA port
Switch/LED		Front : 1 x Power Button/LED 1 x Location Button/LED 1 x Message LED 1 x Q-Code/Port 80 LED 2 x LAN LED Rear : 1 x Power Button/LED 1 x Location LED 1 x Message LED
OS Support		Windows® Server 2019, RedHat® , SuSE®, Ubuntu, Vmware, *Please find the latest OS support from https://www.asus.com/event/Server/OS_support_list/OS.html
Management Solution	**Software**	ASUS Control Center (Classic)
	Out of Band Remote Management	On-Board ASMB11-iKVM for KVM-over-IP
Dimension		800mm x 439.5mm x 88.9mm (2U)
Net Weight Kg (CPU, DRAM & HDD not included)		34 kg
Gross Weight Kg (CPU, DRAM & HDD not included, Packing include)		44 kg
Power Supply (following different configuration by region)		1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply
Environment		Operation temperature: 10℃ ~ 35℃ Non operation temperature: -40℃ ~ 70℃ Non operation humidity: 20% ~ 90% (Non condensing)